

Fig. 1

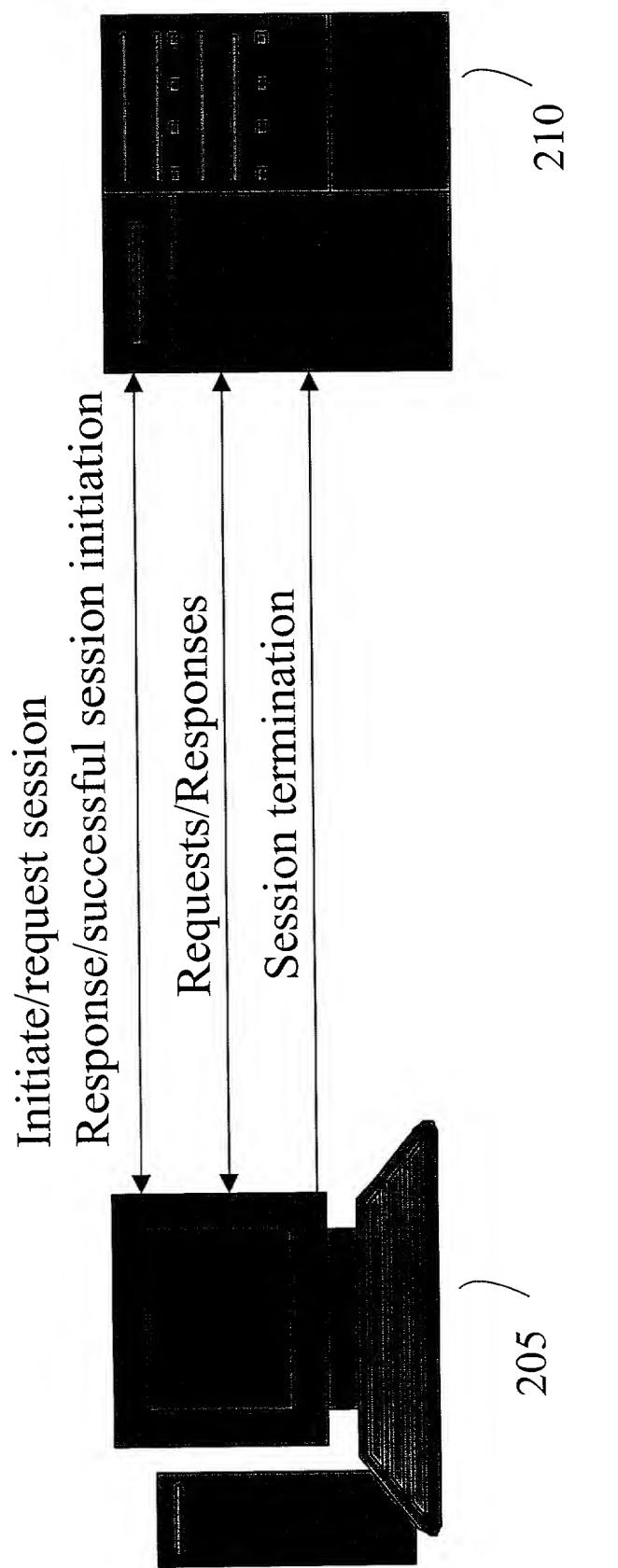


Fig. 2

Requests that reference objects:

- <search> retrieve the attribute values for a set of objects that satisfy a filter
- <retrieve> retrieve the attribute values for a specified resultset
- <delete> delete the objects that satisfy a filter
- <modify> change the attribute values for the objects that satisfy a filter
- <count> count the number of the objects that satisfy a filter
- <create> create a new object (in one substore) and expose it to the rest of the stores
- <expose> expose an already created object to the rest of the stores

Administrative requests:

- <auth> client turn in an authentication sequence
- <list/> list server data of various kinds
- <help/> return usage information

Fig. 3

General Error Response:

<error-response> return an error from the corresponding request

Responses to requests that reference objects:

<search-response> return a resultset containing the attributes
<retrieve-response> return a resultset containing the attributes
<delete-response> return a resultset with the deleted object ids
<modify-response> return a resultset for the modified objects
<count-response/> return the number of objects that satisfied the filter
<create-response> return a resultset with the new object
<expose-response> return a resultset with the exposed objects

Administrative request responses:

<auth-response> server response in an authentication protocol
<list-response> server data that was requested
<help-response> usage information

Fig. 4